

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	4842	((sub adj3 net\$5) or subnet\$5)	USPAT	OR	OFF	2004/12/15 19:01
L2	164	((sub adj3 net\$5) or subnet\$5) near10 map\$7	USPAT	OR	OFF	2004/12/15 19:53
L3	17	I2 and icmp	USPAT	OR	OFF	2004/12/15 19:01
L4	17	I2 and ping	USPAT	OR	OFF	2004/12/15 19:01
L5	4842	((sub adj3 net\$5) or subnet\$5)	USPAT	OR	OFF	2004/12/15 19:54
L6	1774	I5 and (ip near3 address)	USPAT	OR	ON	2004/12/15 19:55
L7	342	I6 and icmp	USPAT	OR	ON	2004/12/15 19:55
L8	77	I7 and (logical near3 network)	USPAT	OR	ON	2004/12/15 19:56
S1	287	(computer adj network) with (topology or map)	USPAT	OR	OFF	2004/12/15 10:27
S2	424	(computer adj network) with (topolog\$4 or map\$4)	USPAT	OR	OFF	2004/12/15 10:28
S4	133	S2 and broadcast\$3	USPAT	OR	OFF	2004/12/15 10:28
S5	31	S2 and ping	USPAT	OR	OFF	2004/12/15 10:29
S6	14	S2 and echo	USPAT	OR	OFF	2004/12/15 10:28
S7	5	S2 and echo and ping	USPAT	OR	OFF	2004/12/15 14:05
S8	40	S5 or S6	USPAT	OR	OFF	2004/12/15 10:30
S9	18	S8 and broadcast\$4	USPAT	OR	OFF	2004/12/15 10:30
S10	453	(370/254).ccls.	USPAT	OR	OFF	2004/12/15 11:35
S11	0	(395/200).ccls.	USPAT	OR	OFF	2004/12/15 11:33
S12	0	(395/200.54).ccls.	USPAT	OR	OFF	2004/12/15 11:33
S13	0	S10 and @ad <= "11132001"	USPAT	OR	OFF	2004/12/15 11:35
S14	443	S10 and @ad <= "20011113"	USPAT	OR	OFF	2004/12/15 11:35
S15	5	(US-6205122-\$ or US-5886643-\$ or US-5845081-\$ or US-5727157-\$ or US-6697338-\$).did.	USPAT	OR	OFF	2004/12/15 11:36

discovery

S16	35	(US-6798752-\$ or US-6718141-\$ or US-6697338-\$ or US-6654802-\$ or US-6643269-\$ or US-6639900-\$ or US-6618755-\$ or US-6614764-\$ or US-6608635-\$ or US-6574669-\$ or US-6532217-\$ or US-6452924-\$ or US-6426947-\$ or US-6377987-\$ or US-6347336-\$ or US-6188675-\$ or US-6108702-\$ or US-6046988-\$ or US-6003074-\$ or US-5886643-\$ or US-5850397-\$ or US-5784557-\$ or US-5737319-\$ or US-5734824-\$ or US-5729685-\$ or US-5684796-\$), did. or (US-5680116-\$ or US-5646610-\$ or US-5574860-\$ or US-5437046-\$ or US-5432789-\$ or US-5297138-\$ or US-6205122-\$ or US-5845081-\$ or US-5727157-\$), did.	USPAT	OR	OFF	2004/12/15 12:05
S17	14	(US-6798752-\$ or US-6532217-\$ or US-6377987-\$ or US-6046988-\$ or US-6003074-\$ or US-5886643-\$ or US-5850397-\$ or US-5437046-\$ or US-5297138-\$ or US-5845081-\$ or US-5727157-\$ or US-6697338-\$ or US-6205122-\$ or US-5734824-\$), did.	USPAT	OR	OFF	2004/12/15 14:01
S18	14	S17 and @ad < "20011113"	USPAT	OR	OFF	2004/12/15 14:07
S19	7	S18 and ((sub adj3 network\$3) or subnet\$5)	USPAT	OR	OFF	2004/12/15 14:02
S20	424	(computer adj network) with (topolog\$4 or map\$4)	USPAT	OR	OFF	2004/12/15 14:05
S21	5	S20 and echo and ping	USPAT	OR	OFF	2004/12/15 14:05
S22	2	S21 and broadcast\$5	USPAT	OR	OFF	2004/12/15 14:06
S23	13	S20 and icmp	USPAT	OR	OFF	2004/12/15 14:06
S24	3	S18 and S23	USPAT	OR	OFF	2004/12/15 15:32
S25	2	S24 and echo	USPAT	OR	OFF	2004/12/15 14:08
S26	2	S25 and ping	USPAT	OR	OFF	2004/12/15 14:08
S27	27040	(computer\$3 adj network\$3)	USPAT	OR	OFF	2004/12/15 15:32
S28	1611	S27 and ((sub adj3 net\$5) or subnet\$5)	USPAT	OR	OFF	2004/12/15 19:00
S29	5594	map\$6 near5 (net\$7 or subnet\$7)	USPAT	OR	OFF	2004/12/15 15:35
S30	339	S28 and S29	USPAT	OR	OFF	2004/12/15 15:35
S31	213	S30 and (ip adj3 address)	USPAT	OR	OFF	2004/12/15 15:35
S32	213	S31	USPAT	OR	ON	2004/12/15 15:35
S33	339	S28 and S29	USPAT	OR	ON	2004/12/15 15:36
S34	223	S33 and (ip adj3 address)	USPAT	OR	ON	2004/12/15 15:36

S35	15	(US-6798752-\$ or US-6532217-\$ or US-6377987-\$ or US-6046988-\$ or US-6003074-\$ or US-5886643-\$ or US-5850397-\$ or US-5437046-\$ or US-5297138-\$ or US-5845081-\$ or US-5727157-\$ or US-6697338-\$ or US-6205122-\$ or US-5734824-\$ or US-6801937-\$).did.	USPAT	OR	OFF	2004/12/15 15:40
S36	18	(US-6804712-\$ or US-6801937-\$ or US-6788315-\$ or US-6765914-\$ or US-6754705-\$ or US-6732165-\$ or US-6697354-\$ or US-6587462-\$ or US-6587440-\$ or US-6477572-\$ or US-6393386-\$ or US-6286047-\$ or US-6208649-\$ or US-6141690-\$ or US-6108702-\$ or US-5968121-\$ or US-5886643-\$ or US-5710885-\$). did.	USPAT	OR	OFF	2004/12/15 16:04
S37	176	S36 or Kracht	USPAT	OR	OFF	2004/12/15 16:05
S39	11	Kracht and topology	USPAT	OR	OFF	2004/12/15 16:06
S40	233	S39 or S34	USPAT	OR	ON	2004/12/15 16:07
S41	28	S39 or S36	USPAT	OR	ON	2004/12/15 16:07
S42	13	(US-6804712-\$ or US-6732165-\$ or US-6667960-\$ or US-6618755-\$ or US-6587462-\$ or US-6587440-\$ or US-6377987-\$ or US-6286047-\$ or US-6208649-\$ or US-6141690-\$ or US-6108702-\$ or US-5886643-\$ or US-5710885-\$).did.	USPAT	OR	OFF	2004/12/15 16:13
S43	8	(US-6667960-\$ or US-6618755-\$ or US-6587462-\$ or US-6587440-\$ or US-6377987-\$ or US-6141690-\$ or US-5886643-\$ or US-5710885-\$). did.	USPAT	OR	OFF	2004/12/15 16:19
S44	7	(US-6618755-\$ or US-6667960-\$ or US-6587440-\$ or US-6377987-\$ or US-6141690-\$ or US-5886643-\$ or US-5710885-\$).did.	USPAT	OR	OFF	2004/12/15 16:26
S45	7	(US-6618755-\$ or US-6667960-\$ or US-6587440-\$ or US-6377987-\$ or US-6141690-\$ or US-5886643-\$ or US-5710885-\$).did.	USPAT	OR	OFF	2004/12/15 16:26

# Google™ Advanced Search

[Advanced Search Tips](#) | [About Google](#)

<b>Find results</b>	with <b>all</b> of the words	<input type="text" value="network computer ip address"/>	<input type="text" value="100 results"/>
	with the <b>exact phrase</b>	<input type="text"/>	<input type="button" value="Google Search"/>
	with <b>at least one</b> of the words	<input type="text" value="map mapping subnet sub"/>	
	<b>without</b> the words	<input type="text"/>	
<b>Language</b>	Return pages written in	<input type="text" value="any language"/>	
<b>File Format</b>	<input type="text" value="Only"/> return results of the file format	<input type="text" value="any format"/>	
<b>Date</b>	Return web pages updated in the	<input type="text" value="anytime"/>	
<b>Numeric Range</b>	Return web pages containing numbers between	<input type="text"/>	and <input type="text"/>
<b>Occurrences</b>	Return results where my terms occur	<input type="text" value="anywhere in the page"/>	
<b>Domain</b>	<input type="text" value="Only"/> return results from the site or domain	<input type="text"/>	
		e.g. <a href="#">google.com</a> , <a href="#">.org</a> <a href="#">More info</a>	
<b>SafeSearch</b>	<input checked="" type="radio"/> No filtering <input type="radio"/> Filter using <a href="#">SafeSearch</a>		

## Froogle Product Search (BETA)

<b>Products</b>	Find products for sale	<input type="text"/>	<input type="button" value="Search"/>
-----------------	------------------------	----------------------	---------------------------------------

To browse for products, start at the [Froogle home page](#)

## Page-Specific Search

<b>Similar</b>	Find pages similar to the page	<input type="text"/>	<input type="button" value="Search"/>
		e.g. <a href="#">www.google.com/help.html</a>	
<b>Links</b>	Find pages that link to the page	<input type="text"/>	<input type="button" value="Search"/>

## Topic-Specific Searches

New! [Local](#) - Find local businesses and services on the web.  
[Catalogs](#) - Search and browse mail-order catalogs online

[Apple Macintosh](#) - Search for all things Mac  
[BSD Unix](#) - Search web pages about the BSD operating system  
[Linux](#) - Search all penguin-friendly pages  
[Microsoft](#) - Search Microsoft-related pages

[U.S. Government](#) - Search all .gov and .mil sites  
[Universities: Stanford, Brown, BYU, & more](#) - Narrow your search to a specific school's website  
 New! [Google Scholar](#) - Search scholarly papers


[Subscribe \(Full Service\)](#) [Register \(Limited Service, Free\)](#) [Login](#)

 Search: ☒ The ACM Digital Library ☐ The Guide

 **SEARCH**

THE ACM DIGITAL LIBRARY

Advanced Search

[? Search Tips](#)

Enter words, phrases or names below. Surround phrases or full names with double quotation marks.

**Desired Results:**must have **all** of the words or phrases
 computer network topology
must have **any** of the words or phrases
 map mapping
must have **none** of the words or phrases
**Name or Affiliation:**
 Authored ☒ by: ☒ all ☐ any ☐ none

 Edited ☒ by: ☒ all ☐ any ☐ none

 Reviewed ☒ by: ☒ all ☐ any ☐ none

**Only search in:\***
☐ Title ☐ Abstract ☐ Review ☒ All Information

 **SEARCH**

\*Searches will be performed on all available information, including full text where available, unless specified above.

 ISBN / ISSN: ☒ Exact ☐ Expand

 DOI: ☒ Exact ☐ Expand

 **SEARCH**
**Published:**
 By: ☒ all ☐ any ☐ none

 In: ☒ all ☐ any ☐ none

Since:

 Month  Year

Before:

 Month  Year

 As:  Any type of publication
**Conference Proceeding:**

Sponsored By:

Conference Location:

Conference Year:

 yyyy

 **SEARCH**

 Classification: (CCS) ☐ Primary Only

 Classified as: ☒ all ☐ any ☐ none

 Subject Descriptor: ☒ all ☐ any ☐ none

 Keyword Assigned: ☒ all ☐ any ☐ none

**Results must have accessible:**
☐ Full Text ☐ Abstract ☐ Review